

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|---------------------|
| L1 | 254 | 370/328,334,337,338.ccls. and MIMO.bsum. | US- PGPUB; USPAT | ADJ | ON | 2009/01/27 08:50 |
| L2 | 80 | 370/328,334,337,338.ccls. and MIMO.bsum. and spatial with multiplex\$ | US- PGPUB; USPAT | ADJ | ON | 2009/01/27 08:50 |
| S52 | 28 | (US-20040027994-\$ or US-20030016640-\$ or US-20030072285-\$ or US-20050078665-\$ or US-20040047426-\$ or US-20040198276-\$ or US-20040170233-\$ or US-20030210750-\$ or US-20020027957-\$ or US-20020012380-\$).did. or (US-6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146-\$ or US-7103325-\$ or US-6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254-\$ or US-7072366-\$ or US-6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328-\$ or US-6351499-\$ or US-6922445-\$ or US-7302018-\$ or US-6377636-\$).did. | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 15:52 |
| S53 | 0 | S52 and (steer\$ or non-steer\$ or non steer\$4) | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 15:52 |
| S54 | 57 | (steer\$ or non-steer\$ or non steer\$4) same MIMO same spatial\$ same multiplex\$ | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 16:33 |
| S55 | 1 | ("7233625").PN. | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 16:33 |
| S56 | 15 | (steer\$ or non-steer\$ or non steer\$4) same MIMO same spatial\$ same multiplex\$ and @ad<="20031024" | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 16:38 |
| S57 | 144 | (steer\$ or non-steer\$ or non steer\$4) same (MIMO or (spatial\$ same multiplex\$)) and @ad<="20031024" | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 16:41 |

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| S58 | 4 | (non-steer\$ or non steer\$4) same (MIMO or (spatial\$ same multiplex\$)) and @ad<="20031024" | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 16:41 |
| S59 | 6 | (non-steer\$ or non steer\$4) and (MIMO or (spatial\$ same multiplex\$)) and @ad<="20031024" | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 16:41 |
| S60 | 35 | (steer\$) with spatial\$ near4 multiplex\$ and @ad<="20031024" | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 17:13 |
| S61 | 17 | (steer\$) with spatial\$ near4 multiplex\$ and @ad<="20031024" and MIMO | US- PGPUB; USPAT | ADJ | ON | 2009/01/22 17:14 |
| S62 | 31 | (US-20040027994-\$ or US-20030016640-\$ or US-20030072285-\$ or US-20050078665-\$ or US-20040047426-\$ or US-20040198276-\$ or US-20040170233-\$ or US-20030210750-\$ or US-20020027957-\$ or US-20020012380-\$).did. or (US-6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146-\$ or US-7103325-\$ or US-6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254-\$ or US-7072366-\$ or US-6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328-\$ or US-6351499-\$ or US-6922445-\$ or US-7302018-\$ or US-6377636-\$ or US-7233625-\$ or US-7324429-\$ or US-7317750-\$).did. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:50 |
| S63 | 2 | S62 and steer\$4 | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:50 |
| S64 | 2948 | QAM same OFDM same modulat\$4 | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:53 |
| S65 | 765 | QAM same OFDM same modulat\$4 and MIMO | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:53 |
| S66 | 0 | "2002122381".pn. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:54 |

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| S67 | 0 | "200200122381".pn. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:54 |
| S68 | 1 | (US-200200122381-\$ or US- 200300041635-\$ or US- 200200122382-\$ or US- 6351499-\$).did. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:57 |
| S69 | 4 | (US-20020122381-\$ or US- 20030041635-\$ or US- 20020122382-\$ or US-6351499- \$).did. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:57 |
| S70 | 1 | (US-20020122381-\$ or US- 20030041635-\$ or US- 20020122382-\$ or US-6351499- \$).did. and steer\$ | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 09:58 |
| S71 | 4 | ("5469465" "5603107" "6219334" "6621851").PN. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:03 |
| S72 | 429 | QAM same OFDM same modulat\$4 and MIMO.bsum. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:05 |
| S73 | 9 | QAM same OFDM same modulat\$4 same (STTD or STM) and MIMO.bsum. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:05 |
| S74 | 33 | (US-20040027994-\$ or US- 20030016640-\$ or US- 20030072285-\$ or US- 20050078665-\$ or US- 20040047426-\$ or US- 20040198276-\$ or US- 20040170233-\$ or US- 20030210750-\$ or US- 20020027957-\$ or US- 20020012380-\$ or US- 20020122381-\$).did. or (US- 6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146- \$ or US-7103325-\$ or US- 6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254- \$ or US-7072366-\$ or US- 6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328- \$ or US-6351499-\$ or US- 6922445-\$ or US-7302018-\$ or US-6377636-\$ or US-7233625- \$ or US-7324429-\$ or US- 7317750-\$ or US-6850481-\$). did. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:07 |
| S75 | 3 | S74 and crosstalk | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:07 |

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| S76 | 32 | S74 and (crosstalk or MMSE or Channel with (correlat\$ or matrix) or successive near4 interference or steer\$ or vector or eigen\$ or estimat\$) | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:10 |
| S77 | 5 | S74 and QAM same OFDM and MIMO | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:11 |
| S78 | 5 | S77 and (crosstalk or MMSE or Channel with (correlat\$ or matrix) or successive near4 interference or steer\$ or vector or eigen\$ or estimat\$) | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:11 |
| S79 | 2 | S74 and MIMO and steer\$ | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:13 |
| S80 | 20 | S74 and MIMO and (steer\$ or vector\$) | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:13 |
| S81 | 4 | S77 and (crosstalk or MMSE or Channel with (correlat\$ or matrix) or successive near4 interference) and (steer\$ or vector) | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:14 |
| S82 | 13 | S74 and (crosstalk or MMSE or Channel with (correlat\$ or matrix) or successive near4 interference) and (steer\$ or vector) and MIMO.bsum. | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:15 |
| S83 | 1 | (US-7317750-\$).did. | USPAT | ADJ | ON | 2009/01/23 10:33 |
| S84 | 1 | (US-6850481-\$).did. | USPAT | ADJ | ON | 2009/01/23 10:33 |
| S85 | 1 | (US-6351499-\$).did. | USPAT | ADJ | ON | 2009/01/23 10:34 |
| S86 | 3 | (S83 or S84 or S85) | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:34 |
| S87 | 3 | S86 and (crosstalk or MMSE or Channel with (correlat\$ or matrix) or successive near4 interference) | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 10:35 |
| S88 | 19 | ("6850481").URPN. | USPAT | ADJ | ON | 2009/01/23 10:37 |
| S89 | 1 | S86 and MIMO and steer\$ | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 13:23 |

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| S90 | 1 | S86 and MIMO and steer\$ and (space or spati\$4) | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 13:27 |
| S91 | 1 | S86 and MIMO and steer\$ and cod\$3 | US- PGPUB; USPAT | ADJ | ON | 2009/01/23 13:50 |
| S92 | 64 | MIMO and null steer\$ | US- PGPUB; USPAT | ADJ | ON | 2009/01/26 15:53 |
| S93 | 10 | MIMO and null steer\$ and @ad<="20031023" | US- PGPUB; USPAT | ADJ | ON | 2009/01/26 15:54 |
| S94 | 34 | (US-20040027994-\$ or US-20030016640-\$ or US-20030072285-\$ or US-20050078665-\$ or US-20040047426-\$ or US-20040198276-\$ or US-20040170233-\$ or US-20030210750-\$ or US-20020027957-\$ or US-20020012380-\$ or US-20020122381-\$).did. or (US-6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146-\$ or US-7103325-\$ or US-6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254-\$ or US-7072366-\$ or US-6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328-\$ or US-6351499-\$ or US-6922445-\$ or US-7302018-\$ or US-6377636-\$ or US-7233625-\$ or US-7324429-\$ or US-7317750-\$ or US-6850481-\$ or US-7218684-\$).did. | US- PGPUB; USPAT | ADJ | ON | 2009/01/26 16:27 |
| S95 | 22 | S94 and (MMSE or Channel with (correlat\$ or matrix) or successive near4 interference) | US- PGPUB; USPAT | ADJ | ON | 2009/01/26 16:27 |
| S96 | 4 | S94 and (MMSE and Channel with (correlat\$ or matrix) and successive near4 interference) | US- PGPUB; USPAT | ADJ | ON | 2009/01/26 16:27 |
| S97 | 19 | S94 and (MMSE or Channel with (correlat\$ or matrix) or successive near4 interference) and channel with estimat\$4 | US- PGPUB; USPAT | ADJ | ON | 2009/01/26 16:31 |
| S98 | 9 | S94 and (MMSE or Channel with (correlat\$ or matrix) or successive near4 interference) and pilot | US- PGPUB; USPAT | ADJ | ON | 2009/01/26 16:49 |

1/27/2009 8:52:41 AM

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